

| Ref # | Hits    | Search Query  | DBs                            | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|--------------------------------|------------------|---------|------------------|
| L1    | 2       | "6475733".pn.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | ON      | 2005/06/03 14:02 |
| L2    | 5       | ("5364791"   "5462856"   "5707798"   "5874534"   "5955281").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:05 |
| L3    | 5       | 2 and (isolat\$4 or purif\$4)                                   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:13 |
| L4    | 64      | mecklenburg.in.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:17 |
| L5    | 228     | danielsson.in.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:14 |
| L6    | 1       | 4 and 5   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:14 |
| L7    | 0       | 6 and (variant or mutant)                                       | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:26 |
| L8    | 0       | 6 and (partial)   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:15 |
| L9    | 0       | 6 and portion   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:15 |
| L10   | 0       | (mecklenburg or danielsson) and broad adj specificty            | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:17 |
| L11   | 1       | (mecklenburg or danielsson) and broad adj specificity           | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:18 |
| L12   | 151     | (mecklenburg or danielsson) and specificity                     | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:22 |
| L13   | 1       | "4298689".pn.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:26 |
| L14   | 115     | 12 and (immobiliz\$4 or support)                                | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:31 |
| L15   | 2375030 | 12 and immobiliz\$4 near\$5 surface or support                  | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2005/06/03 14:26 |

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|-----|-------|--|------------------------------|----|----|------------------|
| L16 | 64    | 12 and immobiliz\$4 near5 (surface or support)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:26 |
| L17 | 42    | 16 and (variant or mutant)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 15:24 |
| L18 | 0     | 16 and (variant or mutant) near10 (immobiliz\$4 or support)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:30 |
| L19 | 27297 | ((polypeptide or antibody or peptide or protein or receptor or enzyme) and (fragment or truncat\$4 or domain)) same (immobiliz\$4 or support or array\$4 or chip or microarray)                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:32 |
| L20 | 29421 | ((polypeptide or antibody or peptide or protein or receptor or enzyme) and (variant or mutant or fragment or truncat\$4 or domain)) same (immobiliz\$4 or support or array\$4 or chip or microarray)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:33 |
| L21 | 14047 | ((polypeptide or antibody or peptide or protein or receptor or enzyme) and (variant or mutant or fragment or truncat\$4 or domain)) near10 (immobiliz\$4 or support or array\$4 or chip or microarray) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:35 |
| L22 | 796   | 21 and (broad or low) near3 specificity  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:47 |
| L23 | 351   | 22 and label\$3 near5 ((polypeptide or antibody or peptide or protein or receptor or enzyme) and (variant or mutant or fragment or truncat\$4 or domain))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:41 |
| L24 | 139   | 23 and (detector or sensor)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:47 |
| L25 | 126   | 24 and (isolat\$4 or purif\$4) near5 (polypeptide or antibody or peptide or protein or receptor or enzyme)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:45 |
| L26 | 100   | 25 and (group\$4 or pair\$4) near5 ((polypeptide or antibody or peptide or protein or receptor or enzyme) and (variant or mutant or fragment or truncat\$4 or domain))                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:41 |
| L27 | 34724 | polyclonal adj antibody  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/06/03 14:46 |

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| L28 | 495 | polyclonal adj antibody same (isolat\$4 and (immobiliz or support or array\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 14:46 |
| L29 | 172 | 28 and (detector or sensor)   | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 14:48 |
| L30 | 14  | 29 and (broad or low) near3 specificity   | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 14:47 |
| L31 | 60  | 14 and (variant or mutant or allele)  | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 15:25 |
| L32 | 46  | 14 and ("in vitro")   | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 15:25 |
| L33 | 36  | 31 and 32   | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 15:25 |
| L34 | 36  | 33 and ("solid support" or immobiliz\$4 or surface or array\$4)                 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 15:26 |
| L35 | 34  | 33 and ("solid support" or immobiliz\$4 or array\$4)                            | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/03 15:26 |